

ABSTRACT

A flat panel display for receiving digital display information including video data and synchronizing data from a host includes: a receiver for reconstructing the display information, a synchronizing signal generator for generating a synchronizing signal by extracting the synchronizing data from the reconstructed display information, a digital-to-analog converter for converting the video data to a corresponding video signal, and an output terminal for externally transferring the synchronizing signal and analog video signal to an analog display. A video data converter is further included to convert line and dot numbers of the video data so as to correspond to a prescribed display mode when the synchronizing data has a different characteristic from the prescribed display mode. The synchronizing signal generator generates the synchronizing signal corresponding to the display mode.